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PTO/SB/05 (03-01)

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Approved for use through 10/31/2002. OMB 0651-0032

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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. M4065.0014/P014-B Larry D. Kinsman First Inventor

Title LOW PROFILE BALL GRID ARRAY, etc.

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(Only for new nonprovisional applications under 37	CFR 1.53(b))	xpress N	fail Label No.			و		
APPLICATION ELEMEN	NTS		ADDRESS		nt Application ioner for Patents	þ		
See MPEP chapter 600 concerning utility patent		nts.		Washingt	on, DC 20231	200		
Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee process		7.	Computer	or CD-R in duplicate, Program (Appendix)	3	2 <u>0</u>		
Applicant claims small entity status. See 37 CFR 1.27.		8.	(i <u>f app</u> licable, a	/or Amino Acid Seque <i>II necessary)</i>	ence Submission			
3. X Specification [Total	Pages 31]]	a. Comput	er Readable Form (C	RF)			
(preferred arrangement set forth below) - Descriptive title of the invention			b. Specification	Sequence Listing on	:			
 Cross Reference to Related Applications Statement Regarding Fed sponsored R & 	D		ic	D-ROM or CD-R (2 o	copies); or ii. pape).		
 Reference to sequence listing, a table, or a computer program listing appendix 			c. Stateme	ents verifying identity	of above copies			
 Background of the Invention Brief Summary of the Invention 			ACCOM	IPANYING APPLI	CATIONS PARTS			
 Brief Description of the Drawings (if filed) Detailed Description 		9.	Assignme	nt Papers (cover shee	et & document(s))			
Claim(s)Abstract of the Disclosure		10.		73(b) Statement re is an assignee)	X Power of Attorney	i		
. X Drawing(s) (35 U.S.C. 113) [Total	Sheets 4]] 11.		anslation Document (if applicable)			
i. Oath or Declaration [Total	I Pages 3] 12.		n Disclosure (IDS)/PTO-1449	Copies of IDS Citations			
a. Newly executed (original or copy)		13.		y Amendment				
b. X Copy from a prior application (37 C		14.		ceipt Postcard (MPEI				
i. DELETION OF INVENTOR(S)		15.	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)					
Signed statement attached deleting inventor(s) named in the prior applic		16.	Nonpublic	ation Request under	35 U.S.C. 122 (b)(2)(B)(i).			
see 37 CFR 1.63(d)(2) and 1.33(b).	·	17.		must attach form PTC	D/SB/35 or its equivalent.	ا ٦		
6. Application Data Sheet. See 37 CFR 1.3	76	''	U Oli lei.					
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 If a CONTINUING APPLICATION, check appr Data Sheet under 37 CFR 1.76: 	opnate box, and suj	opiy tne requ	isite information belov	v and in a preliminary am	епатепі, ог іп ап Арріісацоп			
Continuation X Divisional	Continuation-in	-part (CIP)	of prior applicat	ion No.:	09/028,646	_		
Prior application information: Examiner	R. Pe			o / Art Unit:	2822	_		
For CONTINUATION or DIVISIONAL APPS onle under Box 5b, is considered a part of the disclose eference. The incorporation can only be relied u	ure of the accomp	panying co	ntinuation or divisi	ional application and	is hereby incorporated by			
<u> </u>			ENCE ADDRES					
Customer Number or Bar Code Label				or X C	orrespondence address bel)W		
DICKSTEIN SHAPIR Thomas J. D'Amico	O MORIN 8	OSHIN	ISKY LLP					
Address 2101 L Street NW								
City Washington	DO			0037-1526				
Country US	Telepl	none (2	02) 785-9700	Fax	(202) 887-0689			
Name (Print/Type) Thomas J. D'A	Amico/)	Registration No.	(Attorney/Agent)	28,371	_		
I a	エト	/		1 0-4-	August 20, 2001	- 1		

PTO/SB/17 (11-00)
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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Complete if Known Not Yet Assigned Application Number August 29, 2001 Filing Date First Named Inventor Larry D. Kinsman Not Yet Assigned Examiner Name N/A Group Art Unit M4065 0014/P014-B

				Group Art Unit				IN/A			
TOTAL	AMOUN'	T OF PA	YMENT	(\$) 710.00	0 Attomey Docket No. M4065.0014/P014-B						
METHOD OF PAYMENT				FEE CALCULATION (continued)							
1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account 04-1073		3. ADDITIONAL FEES Large Entity Small Entity Fee Fee Fee Fee			Fee Description	Fee Paid					
Number					Code	(\$)	Code	(\$)			raiu
Deposit Account					105	130	205	65		rge late filing fee or oath	
Name	L				127	50	227	25	cover s	rge – late provisional filing fee or heet.	
	ge Any Addi Required Un			pplicant claims small ntity status. See	139	130	139	130	Non-E	nglish specification	
	R 1.16 and			7 CFR 1.27	147	2,520	147	2,520	For filin	g a request for ex parte reexamination	
2. x	Paymen	t Enclos	ed		112	920*	112	920*		sting publication of SIR prior to ner action	
X Chec	ck	Credit Care	d Mone	ey Order Other	113	1,840*	113	1,840*		sting publication of SIR after ner action	
		FEE CA	LCULATIO	N	115	110	215	55	Extens	ion for reply within first month	
1. BASI	C FILING	FEE			116	390	216	195	Extens	ion for reply within second month	
Large Ent	•	all Entity			117	890	217	445	Extens	ion for reply within third month	
	Fee Fe (\$) Co			ription Fee Paid	118	1,390	218	695	Extens	ion for reply within fourth month	
	710 20			ee 710.00	128	1,890	228	945	Extens	ion for reply within fifth month	
106	320 20	6 160	Design filing	fee	119	310	219	155	Notice	of Appeal	
107 4	490 20	7 245	Plant filing for	ee	120	310	220	155	Filing a	brief in support of an appeal	
108	710 20	8 355	Reissue filin	g fee	121	270	221	135	Reque	st for oral hearing	
114	150 21	4 75	Provisional 1	filing fee	138	1,510	138	1,510	Petitio	n to institute a public use proceeding	
		SIID	TOTAL (1)	(\$) 710.00	140	110	240	55	Petitio	to revive – unavoidable	
		306			141	1,240	241	620	Petitio	n to revive - unintentional	
2. EXTR	A CLAIN	FEES		from Fee Paid	142	1,240	242	620	Utility i	ssue fee (or reissue)	
Total Claim	s 6	-20** = [x	= 0.00	143	440	243	220	Design	issue fee	
Independen Claims	nt 2	-3** =	x	= 0.00	144	600	244	300	Plant is	ssue fee	
Multiple De	pendent	·		=	122	130	122	130	Petitio	ns to the Commissioner	
					123	50	123	50	Proces	sing fee under 37 CFR 1.17(q)	
Large Enti	ty Small	Entity			126	180	126	180	Submi	ssion of Information Disclosure Stmt	
Fee Fee Code (\$)		Fee (\$)	Fee D	escription	581	40	581	40		ling each patent assignment per by (times number of properties)	
103 18 102 80			aims in excess dependent clair	of 20 ms in excess of 3	146	710	246	355	(37 ČF	submission after final rejection R 1.129(a))	
104 27			•	nt claim, if not paid	149	710	249	355		ch additional invention to be ned (37CFR 1.129(b))	
109 80	209		Reissue indep		179	710	279	355	•	st for Continued Examination (RCE)	· ·
110 18		. **		s in excess of 20	169	900	169	900		st for expedited examination sign application	
''' ''	. 210	5	and over origin	nal patent	Other	fee (spec	cify) 				<u> </u>
			OTAL (2) (\$		*Red	uced by B	asic Fili	ng Fee P	aid	SUBTOTAL (3) (\$)	
**or number previously paid, if greater; For Reissues, see above											

SUBMITTED BY		Complete (if applicable)			
Name (print/type) Thomas J. D'Amico	Registration No. (Attorney/Agent) 28,371	Telephone	(202) 828-2232		
Signature	3	Date	August 29, 2001		





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Complete if Known FEE TRANSMITTAL Not Yet Assigned **Application Number** August 29, 2001 Filing Date for FY 2001 Larry D. Kinsman First Named Inventor Not Yet Assigned **Examiner Name** Patent fees are subject to annual revision. N/A **Group Art Unit** TOTAL AMOUNT OF PAYMENT M4065.0014/P014-B 710.00 Attorney Docket No. METHOD OF PAYMENT FEE CALCULATION (continued) The Commissioner is hereby authorized to charge 3. ADDITIONAL FEES indicated fees and credit any overpayments to: Large Entity Small Entity Fee 04-1073 Fee Account **Fee Description** (\$) Paid Code Number Code (\$) Deposit Surcharge - late filing fee or oath 130 205 65 105 Surcharge - late provisional filing fee or Name 127 227 25 Charge Any Additional Applicant claims small Non-English specification 139 130 139 130 Fee Required Under 37 CFR 1.16 and 1.17 entity status. See For filing a request for ex parte reexamination 147 2.520 147 2.520 Requesting publication of SIR prior to 920* 112 920* 112 X | Payment Enclosed Examiner action Requesting publication of SIR after 113 1,8401 113 1.840* Credit Card Check Money Order Other X Examiner action 55 Extension for reply within first month 215 115 110 **FEE CALCULATION** 1. BASIC FILING FEE 116 390 216 195 Extension for reply within second month Large Entity Small Entity 117 890 217 445 Extension for reply within third month 695 Extension for reply within fourth month Fee Description 118 1.390 218 Fee Paid Code (\$) Code (\$) 945 228 Extension for reply within fifth month 710 201 355 Utility filing fee 710.00 128 101 155 Notice of Appeal Design filing fee 119 310 219 106 320 206 160 107 490 207 Plant filing fee 120 310 220 155 Filing a brief in support of an appeal 245 710 208 355 Reissue filing fee 121 270 221 135 Request for oral hearing 108 Provisional filing fee 138 1,510 138 1.510 Petition to institute a public use proceeding 114 150 214 75 Petition to revive - unavoidable 140 110 240 55 SUBTOTAL (1) (\$) 710.00 Petition to revive - unintentional 141 1.240 241 620 Fee from 2. EXTRA CLAIM FEES 142 1.240 242 620 Utility issue fee (or reissue) Fee Paid Claims below Design issue fee Total Claims 0.00 143 243 220 Independent 2 0.00 144 600 244 300 Plant issue fee Claims 122 130 122 130 Petitions to the Commissioner Multiple Dependent 123 123 50 Processing fee under 37 CFR 1.17(q) 50 Submission of Information Disclosure Stmt Large Entity **Small Entity** 126 180 126 180 Recording each patent assignment per Fee 581 40 Fee Description 40 581 (\$) Code (\$) property (times number of properties) Filing a submission after final rejection 103 18 203 9 Claims in excess of 20 246 355 146 710 (37 CFR 1.129(a)) Independent claims in excess of 3 102 80 202 40 For each additional invention to be 149 710 249 355 104 270 204 135 Multiple dependent claim, if not paid examined (37CFR 1.129(b)) Request for Continued Examination (RCE) Reissue independent claims 179 710 279 355 40 109 80 209 over original patent Request for expedited examination 169 900 169 900 of a design application Reissue claims in excess of 20 110 18 210 and over original patent Other fee (specify) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) SUBTOTAL (2) (\$) **or number previously paid, if greater; For Reissues, see above Complete (if applicable) SUBMITTED BY Registration No. Thomas J. D'Amico 28,371 Telephone (202) 828-2232 Name (print/type) Attorney/Agent) Date August 29, 2001 Signature